Technical Data Sheet

*InVivo*MAb anti-human CA19-9

Attention: Use of this product constitutes an agreement to Bio X Cell's Terms and Conditions which are included with this product in print and can also be found at https://bxcell.com/terms-and-conditions/.

Lot Specific Information

Lot Number:	Lot Specific*
Volume:	Lot Specific*
Concentration:	Lot Specific* (generally 4 to 11 mg/ml) *
Total Protein:	Lot Specific*

*This information will be noted on the certificate of analysis that ships with this product.

Product Information

Catalog Number:	**BE0355**
Clone:	**1116-NS-19-9**
Isotype:	Mouse IgG1, κ
Recommended Isotype Control(s):	InVivoMAb mouse IgG2b isotype control, unknown specificity
Recommended Dilution Buffer:	InVivoPure pH 7.0 Dilution Buffer
Immunogen:	SW1116 human colon carcinoma cells
Reported Applications:	Immunohistochemistry (paraffin) Immunofluorescence Flow cytometry
Formulation:	PBS, pH 7.0 Contains no stabilizers or preservatives
Endotoxin:	<2EU/mg (<0.002EU/µg) Determined by LAL gel clotting assay
Purity:	>95% Determined by SDS-PAGE
Sterility:	0.2 µM filtered
Production:	Purified from tissue culture supernatant in an animal free facility
Purification:	Protein G
Molecular Weight:	150 kDa

Description

The 1116-NS-19-9 monoclonal antibody reacts with carbohydrate antigen 19-9 (CA19-9), a tetrasaccharide also known as sialylated Lewis a-antigen. CA19-9 is synthesized by glycosyltransferases that sequentially link the monosaccharide precursors onto both N-linked and O-linked glycans. CA19-9 is attached to many different proteins, including mucins, carcinoembryonic antigen, and circulating apolipoproteins. CA19-9 is not found at a high level in normal tissues, but it is found in embryonic tissue and overexpressed in certain cancers, particularly pancreatic cancer. Elevated CA19-9 levels in patients with stage I pancreatic cancer typically decrease to normal levels following surgery.

Shelf-life and Storage

Store at the stock concentration at 4°C. **Do not freeze.**
All Bio X Cell antibodies have a guaranteed shelf-life of one year from the date of customer receipt when stored as recommended. It is not uncommon for a floccule or precipitate to appear during storage. The floccule is typically buffer salts precipitating out of solution or a small bit of protein aggregation. For information on how to remove floccules or precipitates see our FAQ's at bxcell.com/faqs.

Protocol Information

Since applications vary, each investigator should use the application references as a guide to help estimate the appropriate dose or concentration. The dose or concentration can be further optimized experimentally in a dose response or titration experiment.

Application References

For a complete list of references, visit https://bxcell.com/product/invivomab-anti-human-ca19-9/#references or scan the QR code below.

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